



AVOX Systems

383 Series Sky Mask II™ Oxygen Mask Assemblies



Specially designed to accommodate both crew and passenger requirements on general aviation aircraft, the state-of-the-art AVOX Systems Sky Mask II is leading the way in affordable oxygen technology. Supplemental oxygen needs are instantly met in a silicone mask that is custom-designed for comfort, ease of use, and long life. A variety of connectors – compatible with most aircraft – permit the mask to be used with standard portable or fixed oxygen systems up to an altitude of 25,000 feet.

The Sky Mask II has an in-line flow indicator and is TSO-C103 approved. A minimum oxygen flow of 2.5 lpm is required whenever the Sky Mask II is being used.

Outstanding Features

- Affordable and comfortable silicone mask construction
- In-line flow indicator
- Variety of connectors mate with most aircraft outlets
- TSO-C103 approved to 25,000 feet
- Quick disassembly of bag and tube assembly for easy maintenance

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Ordering Information

Part Number 383 –

Mask with Bag, Tube & Flow Indicator		
AVOX Part Number	Description	Code
249-455	SKYMASK II	GG
249-455-1	SKYMASK II with electret microphone and cord ass'y with integral preamp and PJ068 Plug	HH

Specifications	
Certified for use to 25,000 feet	
Oxygen System/Connector Requirements	
Breathing gas	Aviator's breathing oxygen per MIL-PRF-27210
Minimum required oxygen flow	2.5 liters per minute (NTPD)
Normal temperature	70 °F (21 °C)
Normal pressure	14.7 psi (101 kPa)
Operating temperature range	+20 °F to +120 °F (-7 °C to +49 °C)
Relative humidity	5 to 95 percent
Stowage temperature	
Normal	-20 °F to +120 °F (-29 °C to +49 °C)
Extreme (Inspect mask after exposure)	-67 °F to +160 °F (-55 °C to +71 °C)
Avoid rough handling or excessive movement of reservoir bag when temperatures fall below 0 °F (-18 °C).	
Approvals	FAA TSO-C103

** P/N 8570 (metered, AVOX type)

Similar to: Puritan P/N 173711

Mates with: AVOX P/Ns 8571, 8572, 8802, 23599

*** P/N 8586 (metered, therapeutic, AVOX type)

Mates with: AVOX P/Ns 8571, 8572, 8802, 23599

**** P/N 802039 (metered, Cessna type)

Similar to: Puritan P/Ns 118041, 173701, ZF750

Mates with: AVOX P/Ns 802040, 802863 • Puritan P/Ns 170004, 170005, 170022, 170025, 170092, 170093, 170095, 170096, 170097, 170098, 170099, 170100, Z902, Z903, Z905, Z908, Z909, Z1026

Plug-In Couplings		
Connector Description and AVOX Part Number	Oxygen Flow at Nominal System Pressure (NTPD)	Code
Without Connector	User must provide means to ensure that at least 2.5 lpm (NTPD) oxygen is supplied to mask.	AA
AVOX 2.5 lpm 8570-00** No stripe	2.5 lpm @ 61.8 psia 	BB
AVOX 3.0 lpm 8570-05** Green stripe	3.0 lpm @ 61.8 psia 	CC
AVOX 3.5 lpm 8570-07** Black stripe	3.5 lpm @ 61.8 psia 	DD
AVOX Therapeutic 7.5 lpm 8586-00***	7.5 lpm @ 61.8 psia 	EE
Cessna Type 2.7 lpm 802039-01**** Orange	2.7 lpm @ 70.0 psig 	FF
Cessna Type 3.7 lpm 802039-02**** Red	3.7 lpm @ 70.0 psig 	GG
Cessna Type 3.6 lpm 802039-03**** Blue	3.6 lpm @ 23.5 psig 	HH
Cessna Type 4.3 lpm 802039-04**** White stripe	4.3 lpm @ 70.0 psig 	JJ

Part Number Ordering Example: 383-GGBB

GG = SKYMASK with no microphone

BB = AVOX 8570-00 2.5 lpm connector

WARNING

IMPROPER USE AND/OR MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

THESE ASSEMBLIES ARE INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AS COMPONENTS OF A COMPLETE AVIATION OXYGEN SYSTEM USED ONLY BY, OR UNDER THE SUPERVISION OF, TRAINED AND QUALIFIED PERSONNEL. THIS EQUIPMENT IS TO BE SERVICED ONLY BY SERVICE TECHNICIANS

TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OF YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR.

THIS EQUIPMENT IS TO BE USED ONLY WITH AVIATION BREATHING OXYGEN.